



**Department of Energy**  
Richland Operations Office  
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**0074975**

08-SED-0072

DEC 14 2007

Mr. John P. Martell, Manager  
Radioactive Air Emissions Section  
State of Washington  
Department of Health  
Office of Radiation Protection  
P.O. Box 47827  
Olympia, Washington 98504-7827

**NOTICE OF CONSTRUCTION (NOC) REVISION FOR THE GUZZLER™**

Please find enclosed an "NOC Application/Permit Revision/Air Operating Permit Off-Permit Change Notification" form for a revision to the description of the Guzzler™ (Filter Vacuum Truck). This method of changing the description of the Guzzler™ was agreed upon in a meeting with you and your staff on August 13, 2007. If you have any questions, please contact Pete J. Garcia, Jr., Director, Safety and Engineering Division, on (509) 372-1909.

Sincerely,

Rob G. Hastings, Acting Assistant Manager  
for Safety and Engineering

Enclosure

cc w/encl:

J. A. Bates, FHI

R. W. Brown, FHI

B. J. Dixon, FHI

N. A. Homan, FHI

J. K. Perry, FHI

K. A. Peterson, FHI

Administrative Record (files: NOC-ID 658 R.1/AIR06-102)

WDOH ID#658/Guzzler™ (Filter Vacuum Truck)

Excavation System for Radiologically Limited Activities

on the Hanford Site/AEI ID Number (AOP Emission Unit Number) 476.

Environmental Portal

**RECEIVED**  
DEC 19 2007

**EDMC**

ENCLOSURE 1

NOC Application/Permit Revision AOP Off-Permit Change Notification  
Application Number: NOC-ID 658 R1

Consisting of 2 pages,  
including this cover page

# NOC Application/Permit Revision/AOP Off-Permit Change Notification

NOTE: Any increase to abated or unabated PTE requires a full NOC modification

## REASON FOR CHANGE

Submittal Date: See letter

Submittal Type: Letter

**NOC Application Revision**

**Condition Change/ Clarification**

WDOH Condition Number: \_\_\_\_\_

AOP Condition Number: \_\_\_\_\_

**ALARACT Revision**

New ALARACT Rev Number: \_\_\_\_\_

## PROJECT IDENTIFICATION

Project Title: Use of the Guzzler™ (Filter Vacuum Truck) Vacuum Excavation System for Radiologically Limited Activities on the Hanford Site.

Current NOC Application Number: NOC-ID 658 R1

AEI ID Number (AOP Emission Unit Number(s)): 476

Current WDOH Approval Letter Number(s): AIR 06-1021

WDOH NOC ID Number: 658

## DESCRIPTION OF CHANGE

Number of Attachments 0

*WDOH will provide a new approval letter containing any new or modified conditions that result from the following proposed change.*

Proposed Change (provide original and proposed wording):

Original wording would not be changed. The following added wording is proposed:

Areas of the vacuum truck where condensate may accumulate such as the HEPA filter housing, silencer, and micro-strainer will be drained on an as needed basis to remove condensate buildup. The drained water will be containerized and properly dispositioned. If radiological contamination is present, the liquid may be solidified with absorbent materials, and the resulting matrix may be packaged and disposed of at a radioactive landfill (e.g., LLBG, ERDF, etc.). Alternatively, the liquids may be transferred to an approved container or tanker truck (see Emission Unit ID 888) for transport to the Effluent Treatment Facility (Emission Unit ID 301) or other facility licensed to receive radioactively contaminated liquids.

**Any emissions due to the condensate handling at the vacuum truck are accounted for within the very conservative estimates of emissions for the vacuum truck.**

**FOR WDOH USE ONLY**

Data Entry Completed By: \_\_\_\_\_ Date: \_\_\_\_\_